

Converting Colors

YUV(166.8230, -21.6047,
22.9572)

Have a look what the booklet for
YUV(166.8230, -21.6047, 22.9572)
contains.

YUV(166.8230, -21.6047, 22.9572)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(166.8230, -21.6047,
22.9572)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A27B
RGB	193, 162, 123
RGB Percent	76%, 64%, 48%
CMY	0.2431, 0.3647, 0.5176
CMYK	0.00, 0.16, 0.36, 0.24
HSL	33°, 36%, 62%
HSV	33°, 36%, 76%
XYZ	38.4878, 38.6082, 24.1625
YIQ	166.8230, 30.9950, -5.5570

Conversions

Conversions Part 2

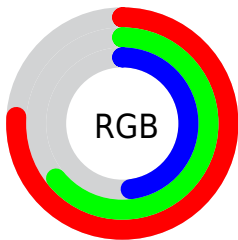
Format	Color
RYB	179, 193, 123
Decimal	12690043
CIELab	68.47, 5.83, 24.55
CIELCh	68, 25.230, 76.635
Yxy	38.6082, 0.3801, 0.3813
Android (android.graphics.Color)	4290880123 (0xFFC1A27B)
YUV	166.8230, -21.6047, 22.9572
Hunter-Lab	62.1355, 1.8289, 20.4389

Details

The YUV color **166.8230, -21.6047, 22.9572** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **149.1770, 21.6047, -22.9572**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1930, -22.7731, 24.3867**, and **114.2680, -19.8521, 20.8130** is the 20% darker color. If you saturate the color by 10%, you get **159.3740, -27.2994, 29.4900**, and if you desaturate by 10%, it is **174.2720, -15.9101, 16.4245**.

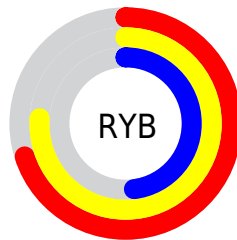
Distribution



Red (76%)

Green (64%)

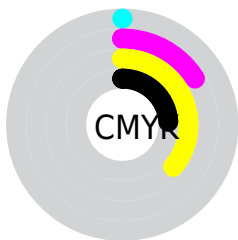
Blue (48%)



Red (70%)

Yellow (76%)

Blue (48%)

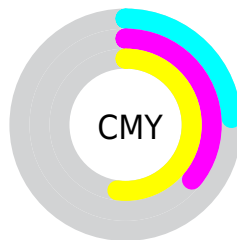


Cyan (0%)

Magenta (16%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8230, -21.6047, 22.9572 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 166.8230, -21.6047, 22.9572 by changing the saturation by 10% instead.

■ 166.8230,
-21.6047, 22.9572

■ 166.8230,
-21.6047, 22.9572

■ 255.0000, 0.0000,
0.0000

■ 140.3390,
-20.8731, 21.6277

■ 222.1930,
-22.7731, 24.3867

■ 114.2680,
-19.8521, 20.8130

■ 243.2020,
-19.8196, 10.3468

■ 89.7840, -19.1205,
19.4834

■ 252.3780,
-10.0464, 2.2995

■ 66.0010, -18.2415,
17.5391

■ 43.1750, -18.8203,
16.5095

■ 23.6890, -11.6787,
12.5507

■ 0.0000, 0.0000,

0.0000

■ 166.8230,
-21.6047, 22.9572

■ 166.8230,
-21.6047, 22.9572

■ 159.3740,
-27.2994, 29.4900

■ 174.2720,
-15.9101, 16.4245

■ 152.3980,
-33.7202, 35.6080

■ 181.2480, -9.4893,
10.3065

■ 144.9490,
-39.4149, 42.1407

■ 188.6970, -3.7946,
3.7737

■ 138.0870,
-45.3989, 48.1587

■ 195.5590, 2.1894,
-2.2442

■ 130.6380,
-51.0935, 54.6915

■ 203.1220, 8.3209,
-8.8770

■ 123.6620,
-57.5144, 60.8094

■ 209.9840, 14.3049,
-14.8950

■ 121.1030,
-59.7038, 63.0537

■ 217.0910, 18.6891,
-21.1278

■ 221.7870, 16.3740,
-25.2462

■ 227.0700, 13.7695,
-29.8794

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.5670, -16.5485, 34.5827



166.8230, -21.6047, 22.9572



164.9410, -20.6769, 5.3137

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



166.8230, -21.6047, 22.9572



156.5640, 11.0609, -47.8526



170.3450, 13.6339, 13.7294

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



166.8230, -21.6047, 22.9572



149.1770, 21.6047, -22.9572

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



167.7380, 20.8352, -9.4172



166.8230, -21.6047, 22.9572



157.3820, 20.5177, -47.6930

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



166.8230, -21.6047, 22.9572



158.4380, -1.2019, -34.5871



162.3930, 23.9633, -32.7937



170.5230, 3.6862, 31.1133

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.8230, -21.6047, 22.9572



162.7050, -16.1236, -8.5113



162.3930, 23.9633, -32.7937



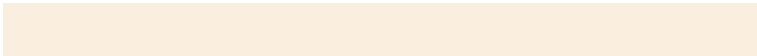
169.5120, 17.0026, 6.5670

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



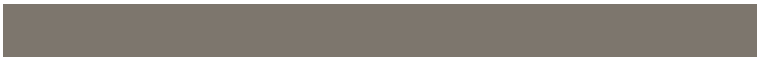
166.8230, -21.6047, 22.9572



239.7640, -8.7577, 8.9770



147.4640, 3.2222, 39.9351



119.0670, -4.9630, 5.2032



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.8230, -21.6047, 22.9572



208.6970, -33.8676, 36.2227



184.1230, -30.1336, 5.1541



93.5120, -3.2104, 3.0590



100.9690, -49.7777, 52.6472



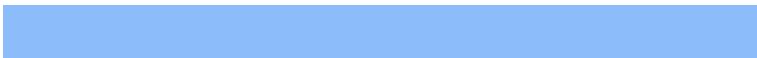
20.4330, -10.0735, 11.0213

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



149.1770, 21.6047, -22.9572



181.3030, 33.8676, -36.2227



132.1760, 29.9862, -4.5394



91.0750, 2.9210, -3.5738



60.0310, 49.7777, -52.6472



12.5670, 10.0735, -11.0213

Previews

White Background



This preview shows how the YUV color 166.8230, -21.6047, 22.9572 looks on a white background.

Color Contrast Check

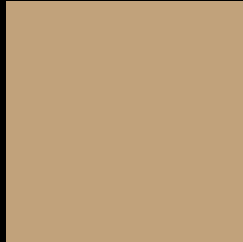
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 166.8230, -21.6047, 22.9572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

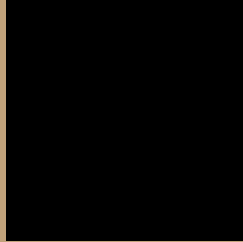
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.8230, -21.6047, 22.9572

Background



This preview shows how black text looks on a background with the YUV color 166.8230, -21.6047, 22.9572.



This preview shows how white text looks on a background with the YUV color 166.8230, -21.6047, 22.9572.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

166.8230, -21.6047, 22.9572

Protanopia

165.8000, -20.1144, 11.5764

Deuteranopia

167.1440, -21.7630, 27.0607



Tritanopia

169.9260, -0.9495, 24.6209

Trichromacy



Original Color

166.8230, -21.6047, 22.9572

Protanomaly

166.0070, -20.7095, 15.7799

Deuteranomaly

167.1330, -21.7576, 25.3164

Tritanomaly

168.6780, -8.2223, 23.9614

Monochromacy



Original Color

166.8230, -21.6047, 22.9572

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.6930, -7.7366, 8.1622

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8230, -21.6047, 22.9572 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(193, 162, 123)` looks like.

```
.text, #text, p{  
    color:rgb(193, 162, 123)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(193, 162, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 162, 123) }
```

Border

The CSS property to change the border of an element to YUV 166.8230, -21.6047, 22.9572 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 162, 123) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(193, 162, 123) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(193, 162, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 162, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 162, 123); box-shadow:4px 4px 4px 4px rgb(193, 162, 123) }
```

Background

The CSS property to change the background color of an element to YUV 166.8230, -21.6047, 22.9572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 162, 123) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(193,  
162, 123) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor